

KURTEV, K.; ZAKHOV, Vl.

A case of prolonged retention and impaction of a foreign body  
in the esophagus. Khirurgiia (Sofia) 16 no.3:317-319 '63.

1. Iz ushno-nosno-gurlenoto otdelenie pri I gr. obedinena  
bolnitsa - Sofia.

(ESOPHAGUS) (FOREIGN BODIES)

SHRAYBER, L.B.; ZAKHIDOV, A.Z.; CHAYKA, G.V., red.

[Hygiene of intellectual work] Gigiena umstvennogo  
truda. Tashkent, Medgiz UzSSR, 1964. 42 p. (MIRA 17:8)

ZAKHIDOV, KH. Z.

Zdravookhraneni~~e~~ v Uzbekistane za 25 let /Public health in Uzbekistan during a period of 25 years/. Tashkent, Gosizdat UzSSR, 1949. 63 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 1 April 1954.

USSR/Human and Animal Morphology. Nervous System

S-3

Abstr Jour: Ref Zhur - Biol., No 19, 1958, 88392

Author : Zakhidov, Kh. Z.

Inst : Tashkent State Medical Institute, AS Uzbek SSR

Title : On the Problem of Trigemino-cerebellar Connections

Orig Pub: Sb. nauchn. tr. Tashkent. gos. med. in-ta, Tashkent,  
AN UzSSR, 1957, 517-521.

Abstract: In order to clarify the problem of trigemino-cerebellar connections, the human brain of various ages, and also the brain of rabbits, cats and dogs, was studied. The preparations were elaborated by the method of splitting, following the preliminary treatment of the brain by the method of S. B. Dzugayeva. Direct trigemino-cerebellar connections were established in man and animals. Trigemino-cerebellar connections were demonstrated in a human fetus at about 4 months of intra-uterine life. Cerebello-

Card 1/2

ZAKHIDOV Kh. Z.

USSR/Human and Animal Morphology (Normal and  
Pathological). Nervous System. Central  
Nervous System.

S-2

Abs Jour: Ref Zhur-Biol., No 16, 74280

Author : Zakhidov, Kh. Z.  
Inst : Second Moscow Medical Institute.  
Title : To the Aging Peculiarities Of the Interce-  
rebral Part Structure of the Axis-Cylinder  
of the Sensory Part of the Trigeminal Nerve.

Orig Pub: Uch. zap. 2-y Mosk. med. in-t, 1957, 4,  
20-23

Abstract: By the method of fine anatomical preparation,  
the stem of the human brain (all ages),  
brain of rabbits, cats and dogs was investi-  
gated. It was shown that the axial stem (AS)

Card : 11/3

USSR/Human and Animal Morphology (Normal and  
Pathological). Nervous System. Central  
Nervous System.

S-2

Abs Jour: Ref Zhur-Biol., No 16, 1958, 74280

Its widest part inside the pons is 3-7 mm.  
In man, AS is located deeper than in ani-  
mals.

Card : 3/3

EXCERPTA MEDICA SER 8 Vol 12/2 Neurology Feb 59

748. AGE-CONDITIONED STRUCTURAL PECULIARITIES AND TOPOGRAPHY  
OF THE SPINAL ROOT OF THE TRIGEMINAL NERVE (Russian text) -  
Zakhidov Kh. Z. Lab. of Neurol., USSR Acad. of Med. Scis, Moscow -  
MED. ZH. UZ. 1957, 5 (82-86) Illus. 4

Results are reported on the study of topography of the spinal root of the sensory  
portion of the trigeminal nerve in human embryos, fetuses, children, adults,  
and some laboratory animals. The spinal root of the animals examined is marked-  
ly better developed than in humans, which fact the author considers to be of great  
functional significance. In newborn infants the root terminates at the level of the  
lower margin of the third cervical segment, and in adults at the level of the second  
cervical segment.

Vorontsov - Moscow (S)

ZAHIDOV, Kh. Z.

Structure and topography of the ascending root of the sensitive  
portion of trigeminal root nerve. Dokl. AN Uz. SSR no.9:67-70  
'57. (MIRA 11:5)

1. Tashkentskiy gosudarstvennyy meditsinskiy institut. Predstavleno  
akademikom AN UzSSR A. Yu. Yunusovym.  
(TRIGEMINAL NERVE)



ZAKHIDOV, Kh.Z. (Tashkent)

Features of the structure of the trigeminal nerve in the stem  
portion of the animal nerve. Uzb.biol.zhur. no.1:64-66 '60.

(MIRA 13:6)

1. Tashkentskiy gosudarstvennyy meditsinskiy institut, kafedra  
normal'noy anatomii.

(TRIGEMINAL NERVE)

ZAKHIDOV, Kh. Z., dotsent; MUKHITAROV, A. M., assistent

Cerebellar connections of the trigeminal and the oculomotor nerves.  
Med. zhur. Uzb. no. 12:57-59 D '60. (MIRA 14:1)

1. Iz kafedry normal'noy anatomii Tashkentskogo gosudarstvennogo  
meditsinskogo instituta.

(TRIGEMINAL NERVE)

(OCULOMOTOR NERVE)

(CEREBELLUM)

ASKAROV, A.A., zasl. deyatel' nauki, prof.; ZAKHIDOV, Kh.Z.,  
doktor med. nauk, prof.; DALIMOV, S.A., dots., glav.  
red.; KADYROV, A.A., kand. med. nauk, zam. glav. red.

[Latin-Uzbek-Russian dictionary of normal anatomy]  
Latino-uzbeksko-russkii slovar' po normal'noi anatomii.  
Tashkent, Gos.med.izd-vo Uzb.SSR, 1964. 265 p.  
(MIRA 17:11)

1. Chlen-korrespondent AN UzbekSSR (for Askarov).

ZAKHIDOV, P. Sh.

"Traditsii narodnykh zodchikh Uzbekistana."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,  
Moscow, 3-10 Aug 64.

L 64160-65

ACCESSION NR: AP5019317

UR/0377/65/000/002/G015/C022

AUTHOR: Zakhidov, R. A.; Teplyakov, D. I.

TITLE: Experimental study of the effect of an inaccurate orientation of a mirror solar device on its energy characteristics

SOURCE: Geliotekhnika, no. 2, 1965, 15-22

TOPIC TAGS: tracking system, solar concentrator, light flux, calorimeter

ABSTRACT: An experimental investigation was made into the effect which an inaccurate orientation toward the sun of the paraboloid of a mirror solar device has on its effective concentrating capacity under static conditions. The purpose of the experiments was to determine the change in the power of the radiant flux reflected from the mirror and incident on round, flat detectors of various diameters arranged concentrically with the geometrical focus of the mirror as a function of the angular inaccuracy of the aiming of the mirror toward the sun under static conditions. The device, initially aimed exactly at the sun, was immobilized and as the sun moved across the sky, the angular deviation increased. Densities of the radiant fluxes near the focal point were determined calorimetrically. The results set some definite limitations (which are substantiated) on the

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L 64160-65

ACCESSION NR: AP5019317

requirements for tracking systems of solar devices with mirror concentrators, and show that tracking systems of high-temperature solar devices of various types can be simple, inexpensive, and light. The document contains 5 figures and 3 tables.

ASSOCIATION: Gosudarstvennyy n.-i. energeticheskii institut im. G.M. Krzhizhanovskogo (State Scientific Research Power Institute)

SUBMITTED: 16Dec64

ENCL: 00

SUB CODE: OF, EE

NO REF SOV: 006

OTHER: 001

Card

2/2

L 03028-67 EWT(1)

ACC NR: AP6019084

(A)

SOURCE CODE: UR/0377/65/000/005/0011/0018

AUTHOR: Zakhidov, R. A.

ORG: State Scientific Research Energy Institute im. G. M. Krzhizhanovskiy (Gosudarstvennyy nauchno-issledovatel'skiy energeticheskiy institut)

TITLE: Mathematical investigation of the energy distribution in the radiation field of reflecting heliotechnical installations

SOURCE: Geliotekhnika, no. 5, 1965, 11-18

TOPIC TAGS: energy distribution, radiation energy measurement, radiation flux, photometry, radiation pattern, reflected radiation, solar energy conversion, solar furnace

ABSTRACT: The state of the irradiated walls of TEG and TEP cavity-receptors and the changes in the state of the radiant energy input to the receptors when displaced relatively to the focal position are discussed. Past work on the optical and energy design of solar-energy reflectors has been mainly concerned with calculating the energy distribution at the focal plane. The author's aim in the present article is to construct a mathematical procedure for determining the characteristics of the energy field at each of its points, which would be the basis of solving important practical problems in the field. The principal characteristics of the radiation field are the radiation vector, which defines the magnitude and direction of the radiation energy

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L 03028-67

ACC NR: AP6018084

flux at each point of the field, and the energy density per volume, which characterizes the general saturation of the space with radiant energy at the point in question. For the case of a paraboloid reflector the author derives the equations of the radiation field, which determine the principal characteristics of the radiation field within a void. Their derivation is based upon a certain condition of reciprocal visibility. Orig. art. has: 5 figures, 30 formulas.

SUB CODE: 20,12/

SUBM DATE: 30Sep65/

ORIG REF: 008/

OTH REF: 008

Card 2/2



L 33671-66 EWT(1) JKT

ACC NR: AP6014073

SOURCE CODE: UR/0294/66/004/002/0255/0260

AUTHOR: Zakhidov, R. A.; Teplyakov, D. I.

44

ORG: Power Institute im. G. M. Krzhizhenovskiy (Energeticheskiy institut)

8

TITLE: The thermal regime in hollow radiation receivers in mirror type solar units, on the basis of structural concepts

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 2, 1966, 255-260

TOPIC TAGS: solar radiation absorption, thermodynamic calculation, radiation receiver

ABSTRACT: The article presents a new method for calculation and measurement of the distribution of radiation falling on the walls of a volumetric receiver placed near the focal point of a parabolic concentrator. Experimental results are worked up for application to hollow cylindrical receivers, with the aim of optimizing their thermal operating conditions. The article first considers mathematically the relation between the axial and radial fluxes and the structure of the radiation field. This analysis is illustrated by a figure. In the experimental section of the article, a table gives the basic dimensions

UDC: 535.211

Card 1/2

L 33671-66

ACC NR: AP6014073

and characteristics of two concentrators, including the parameters of the energy distribution in the focal plane. A figure shows the determination of the radial components of the radial vector according to results obtained for mirrors with diameters of 1.55 and 0.915 meters. Orig. art. has: 10 formulas, 3 figures and 1 table.

SUB CODE: 20/03/ SUBM DATE: 08Jun65/ ORIG REF: 007/ OTH REF: 002

Card 2/2 mc

ZAKHIDOV, S.

History of the geological development of the Angren brown coal deposit and landslide phenomena. Uzb. geol. zhur. 9 no.2:30-35 '65. (MIRA 18:6)

1. Institut gidrogeologii i inzhenernoy geologii Gosudarstvennogo geologicheskogo komiteta SSSR.

ZAKHIDOV, Sh.Sh.

Simplifying the circuit of a quasi-balanced bridge with  
differential indicator, Izv. AN Uz. SSR. Ser. tekhn. nauk 7  
no.5:23-28 '63. (MIRA 17:2)

1. Institut energetiki i avtomatiki AN UzSSR.

GOLOVIN, P.M., professor, doktor biologicheskikh nauk; ZAKHIDOV, T.Z.,  
professor, redaktor; KOROVIN, Ye. P., professor, redaktor.

"  
[New fungus species of Central Asia] Novye vidy gribov Srednei  
Asii, Tashkent, Izd. Sredneaziatskogo gos. univ. 1950. 45 p. (Tash-  
kent. Universitet, Trudy Sredneaziatskogo gosudarstvennogo uni-  
versiteta, no. 14, Biologicheskie nauki, no. 5) (MIRA 9:2)  
(Soviet Central Asia--Fungi)

GRANITOV, I.I.; ZAKHIDOV, T.Z., professor, dektor, redaktor; POPOV, V.I., professor, dektor, redaktor; ROMANOVSKIY, V.I., redaktor; DODONOV, I.K., redaktor; KOROVIN, Ye.P., redaktor; TSUKERMANIK, I.P., redaktor, KORZHENEVSKIY, N.L., redaktor; RAYKOWA, I.A., professor, dektor, redaktor; YERSHON, V.V., dotsent, redaktor; VOSKOBOYNIKOV, E.A., dotsent; BONDARENKSKIY, L., dotsent, redaktor.

[Vegetation map of southwestern Kyzyl-Kum; detailed mapping of desert vegetation] Karta rastitel'nosti iugozapadnykh Kyzyl-Kumov; Tashkent, Izd.Sredneazijskego gos. univ.1950.84 p.(Tashkent.Universitet. Trudy Sredneazijskego gosudarstvennogo universiteta, no.19.Biologicheskie nauki, no.8) (MLRA 9:2)

- 1.Deystvitel'nyy chlen AN UzSSR (for Romanovskiy, Dodonov, Korovin).
- 2.Chlen-korrespondent AN UzSSR (for TSukermanik, Korzhenevskiy)  
(Kyzyl-Kum--Phytogeography) (Kyzyl-Kum--Desert Flora)

SOVETKINA, M.M.[deceased]; PYATAYEVA, A.D.; ZAKHIDOV, T.Z., redaktor; KOROVIN, Ye.P., redaktor.

<sup>A</sup>  
[Aristida as a source of fiber and its cultivation]" Selin kak istochnik  
fibry i vvedenie ego v kul'turu. Tashkent, Izd.Sredneaziatskogo gos.  
univ. 1952. 45 p.(Taskent. Universitet. Trudy Sredneaziatskogo gosu-  
darstvennogo universiteta, no.26, Biologicheskie nauki, no.11)  
(MLRA 9:2)

1.Deystvitel'nyy chlen AN UzSSR (for Zakhidov, Korovin)  
(Grasses)

ZAKHIDOV, T.2.

Tasks of scientists of the Academy of Sciences of the Uzbek S.S.R.  
in 1953 in the light of directions of the 19th Congress of the  
Communist Party of the Soviet Union. Izv. AN Uz.SSR no.1:3-11 '53.  
(MIRA 11:3)

1. President AN UzSSR.

(Uzbekistan--Research)



1. ZAKHIDOV, T.Z. .
2. USSR (600)
4. Cotton Growing - Uzbekistan
7. The republic of white gold, Acad. Tekhnolod. no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

ZAKHIDOV, T. Z.

"Ten Years of the Academy of Sciences of the Uzbek SSR"

Izv An Uzb SSR No 6, 1953, pp 3-8

ref

W-31098, 26 Nov 54

1. ZAKHIDOV, T. Z.
2. USSR (600)
4. Uzbekistan-Science
7. Scientists of Soviet Uzbekistan are participating in the fifth five-year plan. Priroda 42 No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BOGDANOV, O.P.; MEKLENBURTSSEV, R.N.; ZAKHIDOV, T.Z., akademik; ZHURAVLEV,  
B.S., redaktor izdatel'stva; SHEPEL'KOV, A.T., tekhnicheskii  
redaktor

[Fauna of the Uzbek S.S.R.] Fauna Uzbekskoi SSR. Tashkent, Izd-vo  
Akademii nauk Uzbekskoi SSR. Vol.2. [Birds] Pt.2. 1956. 156 p.  
(MLRA 10:3)

1. Akademiya nauk Uzbekskoy SSR. (for Zakhidov)  
(Uzbekistan--Birds)

**ZAKHIDOV, Tesha Zakhidovich:** [Zokhidov, T.Z.]; **SULTANOV, G.S.** [Sultanov, F.S.],  
red.; **SHOUMAROV, A.**, red.; **SHNEP'EL'KOV, A.T.**, tekhn.red.

[Zoological encyclopedia; birds] Zoologiya entsiklopediyasi;  
kushlar. F.S.Sultanov, takhriri ostida. Toshkent, Uzbekiston  
SSR fanlar Akad.nashrieti, 1957. 127 p. [In Uzbek]. (MIRA 11:5)  
(Birds)

ZAKHIDOV, T. Z.

USSR/General Biology - General Ecology

B-6

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 4906

Author : Zakhidov, T.Z.

Inst : Not Given

Title : On the Ecological Category "Life Arena."

Orig Pub : Izv. AN UzSSR, ser. biol., 1957, No 1, 51-53

Abstract : It is suggested that zoocological methods be applied for  
developing problems of natural and agricultural districting.

Card : 1/1

ZAKHIDOV, T.Z.

The desert of Kyzyl-Kum as a sphere of life. Izv. AN Uz.SSR. Ser.  
biol. nauk no. 3:7-20 '57. (MIRA 11:8)  
(Kyzyl-Kum--Desert ecology)

ZAKHIDOV, T.Z.

Development of Soviet zoology in Uzbekistan during the past 40  
years. Izv. AN Uz. SSR. Ser. biol. nauk no.4:35-40 '57.

(MIRA 11:9)

(Uzbekistan--Zoological research)



ZAKHIELOV, T. (Tashkent)

"Ecological Survey of the Vertebrate Fauna in the Kysylkum Desert"

Soviet paper presented at the 15th Intl. Congress of Zoology, London, 16-23 Jul 58

MEKLENBURGSEV, R.N.; ZAKHIDOV, T.Z., akademik, otv.red.

[Materials on terrestrial vertebrates of the Kashka Darya basin]  
Materialy po nazemnym pozvonochnym basseina reki Kashkadar'ia.  
Tashkent, Izd-vo SAGU, 1958. 139 p. (Tashkent. Universitet. Trudy  
Sredneaziat'skogo gosudarstvennogo universiteta, no.130)  
(MIRA 12:1)

1. AN UzSSR.

(Kashka Darya Valley--Zoology, Economic)

ZAKHIDOV, T.Z.

Ecological survey of the vetebrate fauna of Kyzyl-Kum. Uzb. biol.  
zhur. no.2:5-10 '58. (MIRA 11:10)

1. Institut zoologii i parazitologii AN UzSSR.  
(Kyzly-Kum--Desert ecology)

ZAKHIDOV, T.Z.; KOSTIN, V.P.

Materials on the ecology and distribution of wolves in Uzbekistan.  
Uzb.biol.zhur. no.3:25-31 '58. (MIRA 11:12)

1. Sredneaziatskiy gosudarstvennyy universitet im. V.I.Lenina.  
(Uzbekistan--Wolves)

ZAKHIDOV, T.Z.; KOSTIN, V.P.

Materials on the distribution and ecology of the wild boar in  
Uzbekistan. Uzb. biol. zhur. no.5:39-44 '60. (MIRA 13:11)

1. Sredneaziatskiy gosudarstvennyy universitet.  
(Uzbekistan--Wild boar)

ISHUNIN, G.I.; ZAKHIDOV, T.Z., akademik, red.; KANASH, O.A., red.;  
GOR'KOVAYA, Z.P., tekhn. red.

[Fauna of the Uzbek S.S.R.] Fauna Uzbekskoi SSR. Tashkent, Izd-  
vo Akad. nauk Uzbekskoi SSR. Vol.3. [Mammals (carnivores and  
ungulates)] Mlekopitaiushchie (khishchnye i kopytnye). 1961.  
229 p. (MIRA 15:3)

1. Akademiya nauk Uzbekskoy SSR (for Zakhidov).  
(Uzbekistan—Carnivora) (Uzbekistan—Ungulata)

SALIKHBAYEV, Kh.S.; BOGDANOV, A.N.; ZAKHIDOV, T.Z., akademik, red.; TER-  
NOVSKAYA, R.M., red.; EYDEL'MAN, A.S., red.; KARABAYEVA, Kh.U.,  
tekhn. red.

[Fauna of the Uzbek S.S.R.] Fauna Uzbekskoi SSR. Tashkent, Izd-vo  
Akad. nauk Uzbekskoi SSR. Vol.2. [Birds] Ptitsy. Pt.e. 1961. 271 p.  
(MIRA 14:9)

1. Akademiya nauk Uzbekskoy SSR (for Zakhidov).  
(Birds)

ZAFHIDOV, T.Z.

E.P.Korovins' scientific trend. Uzb. biol. zhur. no.4:3-4 '61.  
(MIRA 14:10)

1. Tashkentskiy gosudarstvennyy universitet.  
(KOROVIN, EVGENII PETROVICH, 1891-)



ZAKHIDOV, T.Z.; SULTANOV, M.A.

Academician K.I. Skriabin, 1878- founder of the Soviet  
school of helminthologists. Uzb. biol. zhur. 7 no.6:  
8-12 '63. (MIRA 17:6)

GRANITOV, Ippolit Ivanovich; ZAKHIDOV, T.Z., doktor biol. nauk,  
prof., akademik, otv. red.; MOSHCENKO, Z.V., red.

[Plant cover of the southwestern Kyzylkum] Rastitel'-  
nyi pokrov Iugo-Zapadnykh Kyzylkumov. Tashkent, Izd-  
vo "Nauka" Uzbekskoi SSR. Vol.1. 1964. 334 p.  
(MIRA 17:6)

1. Akademiya UzbSSR (for Zakhidov).

MEKLENBURTSEV, R.N.; ZAKHIDOV, T.Z., prof., otv. red.

[Birds as carriers of ectoparasites] K voprosu o perenose  
ptitsami ektoparazitov. Tashkent, JamGU, 1962. 75 p.  
(Novaia seriia, no.196. Biologicheskie nauki, book no.40)  
(MIRA 17:5)

MEKLENBURTSEV, R.N.; ZAKHIDOV, T.Z., prof., otv. red.

[Birds as carriers of ectoparasites.] K voprosu o perenose  
ptitsami ektoparazitov. Tashkent, Izd-vo Sam GU, 1962. 75 p.  
(Tashkent. Universitet. [Nauchnye trudy], no.196. Biologicheskie  
nauki, no.40). (MIRA 16:6)

(Birds as carriers of disease)  
(Parasites--Birds)

KOSTIN, V.P.; ZAKHIDOV, T.Z., akademik, otv. red.

[Rodents of the lower reaches of the Amu Darya River, Ust-Urt and the adjacent area; materials on distribution, ecology and economic significance]. Oryzuny nizov'ev Amu-Dar'i, Ustiurta i privilegiiushchei territorii; materialy po rasprostraneniu, ekologii i ekonomicheskomu znacheniiu. Tashkent, Izd-vo SamGu, 1962. 88 p. (Tashkent. Universitet. [Nauchnye trudy], no.198. Biologicheskie nauki, no.41). (MIRA 16:6)

1. AN Uzbekskoy SSR (for Zakhidov).  
(Amu Darya Valley—Rodentia)  
(Ust-Urt—Rodentia)

ZAKHIDOV, T.Z.; KOSTIN, V.P.

Materials on the ecology of the suslik *Spermophilopsis leptodactylus*  
Licht. Uzb. biol. zhur. no.4:56-61 '61. (MIRA 14:10)

1. TashkentSKIY gosudarstvennyy universitet.  
(UZBEKISTAN—SUSLIKS)

BUROV, K.D.; GRIGOR'YEVA, A.I.; ZAKHIDOVA, Kh.R.

Study of the quality of clinical and laboratory diagnosis of diphtheria by the use of a tellurite medium and determination of antitoxin in the blood of patients who have had an atypical clinical course. Trudy Tash. NIIVS 5:118-123'62.

(MIRA 16:10)

(DIPHThERIA) (DIPHThERIA ANTITOXIN)

ZAKHLEBINA, L.S.

Efforts of the Communist Party of the Soviet Union to improve the  
housing of workers. Trudy MINKHIGP no.30:74-93 '59. (MIRA 14:5)  
(Labor and laboring classes--Dwellings)



SIL'BERSHTEYN, D.S.; ZAKHLEBNAYA, O.G.

Formation of loops by the ileum caused by Meckel's diverticulum.  
Nov.khir.arkh. no.2:74 Nr-Ap '57. (MLBA 10:8)

1. Khirurgicheskoye otdeleniye Svalyavskoy rayonnoy bol'nitay  
(INTESTINES--ABNORMITIES AND DEFORMITIES)

ZAKHLEVNY, V.

Answering with deeds. Sov.shakht. 10 no.4:8 Ap '61.  
(MIRA 14:9)

1. Chlen komiteta profsoyuza uchastka No.5 shakhty No.2 imeni Artema.  
(Donets Basin--Coal mines and mining--Labor productivity)

ZAKHLEBNYY, V.M., inzh.

Determining rock pressure in inclined workings. Izv. vyzn. ucheb.  
zav.; gor. zhur. no.6:30-34 '61. (MIRA 16:7)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskii  
institut imeni Kirova. Rekomendovana kafedroy shakhtnogo  
stroitel'stva.

(Rock pressure)  
(Mining engineering)

SOV/177-58-4-17/32

17(13) 22(3)

AUTHORS: Yuganov, Ye.M. and Zakhmatov, D.M., Lieutenant-Colonels  
of the Medical Corps

TITLE: Illusory Sensations in Flights Under Complicated Meteorological Conditions (Ob illyuzornykh oshchushcheniyakh pri poletakh v slozhnykh meteorologicheskikh usloviyakh)

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 4, pp 51-55 (USSR)

ABSTRACT: The author deals with the problem of illusory sensations during flights in jet aircraft under complicated meteorological conditions. The solution of this problem will help to improve flight training and to guarantee the pilot's safety. The article contains data obtained by special examinations to find out the formation mechanism of illusory appearances during the flight and their effect on the pilot. It has been ascertained that illusory flight sensations often cause serious disturbances in piloting (loss of course, incapability of following

Card 1/3

SOV/177-58-4-17/32

# Illusory Sensations in Flights Under Complicated Meteorological Conditions

the altitude required and even complete loss of orientation in space). Pilots stated that they were not able to mentally grasp the readings of instruments. S. S. Markaryan, N.A. Agadzhanian, R.I. Ul'chenko and N.A. Molodukho-Lozinskiy proved this by examining pilots. Cases of illusory flight sensation occur more frequently in the initial period of flight training under complicated flight conditions. Later the frequency and severity of the sensation diminished. In order to determine the causes of the above-mentioned appearances, the effect of complicated flight conditions on the excitability of the vestibular analyzer has been studied. The results showed, that after 5-18 flights, the duration of feeling of rotating in a reverse direction diminished or increased by 1 to 5 seconds, as compared with the initial values.

Card 2/3

SOV/177-58-4-17/32

Illusory Sensations in Flights Under Complicated Meteorological Conditions

Taking into consideration the regular character of these appearances, the author concluded that the development of illusory sensations is in close dependence on the steadiness of the acquired conditioned reflex connections. He thinks that improved flight training under difficult flight conditions is the most important measure against illusory sensations. The author recommends A.P. Popov's method of simultaneous training "in the open air and under protecting hood". M.K. Kozhenkov, V.A. Popov, and A.M. Pikovskiy suggested introducing semi-automatic opening of blinds of the protecting hood. Based on his observations and those of other physicians, the author is convinced, that such illusory flight sensations cease due to improved flight training.

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ZAKHODYAKINA, N.A.; NOVITSKIY, M.A.; SOKOLOV, L.A.; LUKOVTSSEV, P.D.

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L 47126-56 ENT(d)/EWP(1) IJP(G) BB/00

ACC NR: AR6016011 SOURCE CODE: UR/0271/66/000/001/A009/A009

AUTHOR: Zakhodyaychenko, V. I.; Shamayev, Yu. M.

33

B

TITLE: Two trends in designing diodeless magnetic elements using ring cores

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 1A52

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 60, ch. I, 1965, 83-96

TOPIC TAGS: magnetic element, magnetic core, logic circuit, diodeless magnetic element

ABSTRACT: The implementation of a new trend in the development of magnetic logic, i. e., the designing of logical circuits which utilize only a core and connecting wires, is noted. To this end, use is made of complex-shaped cores providing the decoupling of the input and output circuits of magnetic cells. More widely used are cells with cores and two or three apertures. Design variants of diodeless circuits using conventional ring circuits are reviewed. They are

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UDC: 62-523:681.142.672

LS  
Card 2/2

1. 1. 123-66 FMT(1)

ACC. NR. AR6016009

SOURCE CODE: UR/0271/66/000/001/A006/A006

AUTHOR: Zakhodyaychenko, V. I.

TITLE: Substitution diagram of a two-hole transfluxor 25

26  
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SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 1A29

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 60, ch. I, 1965, 97-109

TOPIC TAGS: transfluxor, magnetic core, two hole transfluxor

ABSTRACT: A substitution diagram is presented for a two-hole transfluxor which consists of three-ring cores. The operation of the two-hole transfluxor and its substitution diagrams are compared. Equations are presented which describe each phase of operation of the diagrams. Equivalence conditions of the substitution diagram and the two-hole transfluxor are shown. Dimensions of cores and the relations between coupling loops can be calculated on the basis of equations composed for each phase of operation of the two-hole transfluxor and diagram. Orig. art. has: 7 figures. Bibliography of 5 titles. [Translation of abstract]

SUB CODE: 13/

Card 1/1

UDC: 621.318.565

[NT]

L 47122-66 EMT(1)

ACC NR: AR6016008

SOURCE CODE: UR/0271/66/000/001/A006/A006

AUTHOR: Zakhodyaychenko, V. I.

TITLE: Substitution diagram of a three-hole transfluxor 25

23  
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SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 1A28

REF SOURCE: Tr. Mosk. energ. in-ta vyp. 60, ch. I, 1965, 111-128

TOPIC TAGS: transfluxor, shift register, magnetic circuit, magnetic core

ABSTRACT: Operating conditions are analyzed in detail of a three-hole transfluxor in the shift register circuit on the basis of which its equivalent circuit is constructed. In the equivalent circuit, sections of the magnetic circuit are represented by a single and by a group of ring cores. Study of the performance of such equivalent circuits makes it possible to find the most efficient designs of transfluxors. Examples of the more complex multihole systems are given. Orig. art. has: 12 figures. Bibliography of 3 titles. [Translation of abstract] [NT]

SUB CODE: 13/

L6  
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UDC: 621.318.565

ZAKHODYAYCHENKO, V.I.

Equivalent circuit of two-aperture transfluxors. Trudy MEI  
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ZAKHODYAYCHENKO, V.I.; SHAMAYEV, Yu.M.

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Source: Mathematical Reviews,

Vol. 11 No. 10



ZAKHOV, G.; GEORGIEV, Z.

"Engineer Koval'ov's Method; its Utilization in the Samokovska Komuna  
State Industrial Enterprise." p. 27,  
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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

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Biological bases for the fruit bearing of the cherry trees. Priroda  
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po ovoshtarstvo v gara Kostinbrod.

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For the attraction and protection of insectivorous birds in  
Bulgarian forests. Prir. i znanie 16 no.4:14-17 Ap'63

Zakhov, T.

BULGARIA/Cultivated Plants. Fruits. Berries.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15777

Author : T. Zakhov

Inst :                     

Title : The Walnut in Bulgaria  
(Gretakiy orekh v Bolgarii).

Orig Pub : Proroda i znaniye, 1957, No 3, 12-15.

Abstract : No abstract.

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142

ZAKHOV, T., starshi nauchnii sotrudnik

Classification of *Juglans regia* L. Priroda Bulg 11 no. 6:  
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ZAKHOV, Todor, starshi nauchen sutrudnik

Cherry as a cultivated plant. Prir i znanie 13 no.5:8-10 My '60.  
(EEAI 9:11)

(Cherry)

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ZAKHOV, Todor A., starshi nauchni sotrudnik

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VU-HUU-HIEU; ZAKHOV, VI.

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(RHINITIS, ATROPHIC) (SURGERY, OPERATIVE)

KURTEV, K.; ZAKHOV, Vl.

Non-traumatic cerebrospinal rhinorrhea (a report of 3 cases).  
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# PHASE I BOOK EXPLANATION NOV/983

Macromolecular Chemistry, Moscow, 1960.

Macromolecular Chemistry, 30 macromolecular chemistry, USSR, Moscow, 19-18 June 1960 at doklady i svedeniya. Sektoria II. (International Symposium on Macromolecular Chemistry held in Moscow, June 18-19, 1960, Papers and Summaries) Section II. [Moscow, 18-19 June 1960] 559 p. 5,500 copies printed.

Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Techn. Ed.: T.A. Prusakov.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

CONTENTS: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or induced by radiation. Among the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolation. There are summaries in English, French and Russian. No personalia are mentioned. References follow each article.

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Alde, P., I. Kende, and M. Kozma (Hungary). Kinetics of the Inhibition of Polymerization of Styrene by Nitro Compounds 31

Maruyama, G., L.H. Tung, V.J. Litterer, and Y.J. Ellis (USSR). Radical Decomposition Reactions of Some Azobenzene and Peresters 53

Kobayashi, A., and O.A. Tsvetkov (USSR). On the Relative Activity of Isomeric 1,2-butadiene in Polymerization and Co-polymerization Reactions With Other Male Compounds 62

Prater, J., and S. In. Prater (USSR). Interacts Exchange Reactions in the Process of Radical Polymerization 72

Levy, D., E. Hirsch, G. Knef, and V.J. Ellis (Hungary). Kinetic Study of Radical Polymerization of Vinyl Monomers in the Presence of SCl<sub>4</sub> 103

Kuznetsov, M., and B. Gromov (Poland). A Method of Measuring the Polymerization Rate at a High Degree of Conversion 120

Prichard, J., and M.J. Mayhew (USSR). Study of the Mechanism of Radical Polymerization 127

Prusakov, A., and M. Hladik (Czechoslovakia). The Polymerization Rate for a Single Particle During Radical Polymerization 135

Prusakov, P., and L. Zelenka (Czechoslovakia). Radical Polymerization of Chloroacetylene 139

Turkin, E., and G. Mironov (Poland). Change of Potential During Polymerization in Redox-Reaction Systems 157

Kolpak, J., and A. Kozick (Czechoslovakia). The Rate of Reaction in a Means of Studying the Mechanism of the Radical Polymerization of Styrene and Chloroacetylene 165

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